Page 1 of 2

Docket No.

SQUIRE, SANDERS & DEMPSEY L.L.P.

Declaration For U.S. Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name.

names are	i am tr Slisted	ie ong below	inal, first and so	ie inventor (if oni latter which is clai	y one name is listed med and for which a	patent is sought on the	invention entitled		
					ATIONS SYSTEMS				
the specif	ication	of wh	iich is attached he	ereto unless the fol	lowing box is checke	ed:	•		
\boxtimes	was fi	led or	September 1	0. 2002		As PCT International Application			
_			PCT/F12002/000		was amended on				
And/or	was fi					As United States Application			
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l hereby amended	state the	hat I amen	have reviewed a dment referred to	nd understand the above.	contents of the ab	ove-identified specification	ation, including the claim(s), as		
l acknowl	ledge th	ne dut	y to disclose info	rmation which is n	naterial to patentabili	ty as defined in 37 C.F.	R. §1.56.		
below an	e. or §3 id have	65(a) also	of any PCT Interidentified below	mational application	on which designated	at least one country of inventor's certificate of	ication(s) for patent or inventor's her than the United States, listed or PCT International Application Priority Claimed Tyes No		
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disclosed duty to di	in the	prior : infori	nefit under 35 U.S I States of Ameri application(s) (U. mation which is n	S.C. §120 of any L ca listed below an S. or PCT) in the paternal	inited States applicat	ion(s) or §365(c) of any ject matter of each of the the first paragraph of 35 C.F.R. §1.56 which be	PCT International application(s) e claims of this application is not 5, U.S.C. §112.1 acknowledge the came available between the filing		
(List prior U.S. Applications or PCT International applications designating the U.S		_	<u> </u>						
					(Filing Date)	(Status) (pas	(Status) (patented, pending, abandoned)		
			(Application Social No.)		(Filing Date)	(Stre) (ne	ented penting, stundsped)		
Goldhush	h, Regi	No.	33,125; Kevin F.	Turner, Reg. No.	. 43.437; William F	. Nixon, Reg. No. 44,2	s principal attorneys: Douglas H. 162; Arlene P. Neal, Reg. No. 18 M. Choi, Reg. No. 46,621.		
Please di	rect all	comn	nunications to the	following address	::	\sim			
			٠.		8000 Towers Ci Tysons Corner,	32294) DERS & DEMPSEY L. rescent Drive, 14 th Floor Virginia 22182-2700 (703) 720-7800; Facsim	,		

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be take in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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nventor's signature	5, 2, 200 5
esidence Oulu, Finland FIX	
itizenship Finnish	
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	Date .
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Citizenship German Post Office Address Lehtikuusentie 16, FIN-02880 Veikkola, Finland	
OSI Office Address Lentikousentie 10, FIN-02080 Verkkofa, Finfand	
	•
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nventor's signature	
esidence Málaga, Spain	Date
Sitizenship Finnish	
Ost Office Address C/ Salamanca 104, Villa Vill. La Capellania, Benalmádena pueblo, E-29639 N	1álaga, Spain
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nventor's signature	Date .
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Citizenship Finnish	
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Full name of fifth inventor	
nventor's signature	
Residence	Date
Citizenship	
Post Office Address	Man
os office Addicas	
Full name of giveh inventor	
Full name of sixth inventor	
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ost Office Address	
Full name of seventh inventor	
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Citizenship	
Post Office Address	

Docket No.



SQUIRE, SANDERS & DEMPSEY L.L.P.

Declaration For U.S. Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled (Insert Title) MEASUREMENTS IN COMMUNICATIONS SYSTEMS the specification of which is attached hereto unless the following box is checked: was filed on September 10, 2002 As PCT International Application PCT/F12002/000728 Number and was amended on And/or was filed on As United States Application Number and was amended on I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56. I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International Application having a filing date before that of the application(s) for which priority is claimed: Priority Claimed ☐ Yes ☐ No (List prior foreign ☐ No Yes Yes applications) Chy/Munth/Year Filed) ☐ Yes ☐ No (Country) I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below. (Application Number) (Piling Date) (Filing Date) See attached list for additional prior foreign or provisional applications. I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) (U.S. or PCT) in the manner provided by the first paragraph of 35, U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application. (List prior U.S. Applications or PCT International applications designating the U.S.) (Apolication Serial No.) (Filing Date) (Stane) (perented, pending, aband (Application Serial No.) (Filing Date) And I hereby appoint the firm of Squire, Sanders & Dempsey, Customer Number 32294 including as principal attorneys: Douglas H. Goldhush, Reg. No. 33,125; Kevin F. Turner, Reg. No. 43,437; William F. Nixon, Reg. No. 44,262; Arlene P. Neal, Reg. No. 43,828; Majid S. AlBassam, Reg. No. 54,749; David E. Brown, Reg. No. 51,091; and Alicia M. Choi, Reg. No. 64,749; David E. Brown, Reg. No. 51,091; and Alicia M. Choi, Reg. No. 64,749; David E. Brown, Reg. No. 61,091; and Alicia M. Choi, Reg. No. 61,091; and 61,091 Please direct all communications to the following address: Customer No. 32294 SQUIRE, SANDERS & DEMPSEY L.L.P. 8000 Towers Crescent Drive, 14th Floor Tysons Corner, Virginia 22182-2700 Telephone No. (703) 720-7800; Facsimile No. (703) 720-7802

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be take in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Antti TÖLLI Inventor's signature Residence Oulu, Finland Finnish Citizenship Post Office Address Paalikatu 14 A 110, FIN-90520 Oulu, Finland Full name of second inventor Veikkola, Finland FI Residence Citizenship Post Office Address Lehtikuusentie 16, FIN-02880 Veikkola, Finland Full name of third inventor Petteri HAKALIN Inventor's signature Residence Málaga, Spain Citizenship Finnish Post Office Address C/ Salamanca 104, Villa Vili, La Capellania, Benalmádena pueblo, E-29639 Málaga, Spain Full name of fourth inventor Heikki HIRVONEN 4-00 Inventor's signature Tampere. Finland FIX Citizenship Finnish Post Office Address Urpukatu 2, FIN-33820 Tampere, Finland Full name of fifth inventor Inventor's signature Residence Citizenship Post Office Address Full name of sixth inventor Inventor's signature Residence Citizenship Post Office Address Full name of seventh inventor Inventor's signature Residence Citizenship Post Office Address

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and

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59643.00582

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names are (Insert Ti		bject matter which is claim ENTS IN COMMUNICAT			he invention entitled	
the specific	cation of which is atta-	ched hereto unless the follo	wing box is check	ed:		
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I hereby cl certificate, below and	laim foreign priority to or \$365(a) of any PC have also identified	T International application	119(a)-(d) or §365 which designated ation for patent or	(b) of any foreign ap at least one country inventor's certificate	oplication(s) for patent or inventor's other than the United States, listed e or PCT International Application	
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l hereby cl designating disclosed i duty to dis date of the	laim the benefit under g the United States of in the prior application close information whi prior application and	35 U.S.C. §120 of any Uni America listed below and, (s) (U.S. or PCT) in the ma ch is material to patentabili the national or PCT Interna	ted States applicationsofar as the sub- unner provided by ty as defined in 37 attional filing date of	ion(s) or §365(c) of a ject matter of each of the first paragraph of C.F.R. §1.56 which of this application.	any PCT International application(s) the claims of this application is not 35, U.S.C. §112, I acknowledge the became available between the filing	
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applications designating the U.S.)

And I hereby appoint the firm of Squire, Sanders & Dempsey, Customer Number 32294 including as principal attorneys: Douglas H. Goldhush, Reg. No. 33,125; Kevin F. Turner, Reg. No. 43,437; William F. Nixon, Reg. No. 44,262; Arlene P. Neal, Reg. No. 43,828; Majid S. AlBassam, Reg. No. 54,749; David E. Brown, Reg. No. 51,091; and Alicia M. Choi, Reg. No. 46,621.

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